

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	341	"alkenyl ether".ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/01 08:04
L3	26	("alkenyl ether" with polymer).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/01 08:05
L5	1975	(524/556).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/01 08:15
L6	6503	(526/317.1,319,333,271,279).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/01 08:15
L7	517	(560/183).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/01 08:16
L8	1	5 and 6 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/01 08:16
S1	3735	Sato-Koichi\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:37
S2	1	Nakazawa-Ikuno\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:37
S3	208	Suda-Sakae\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:39

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S4	216	Ikegami-Masayuki\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:39
S5	106	Tsubaki-Keiichiro\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:40
S6	51	Higashi-Ryuji\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:40
S8	85	Yamagishi-Keiko\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:41
S9	152	S1 and polymer and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:41
S10	100	S3 and polymer and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:42
S11	100	S4 and polymer and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:42
S13	70	S5 and polymer and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:42
S14	36	S6 and polymer and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:42
S15	39	S8 and polymer and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:43

EAST Search History

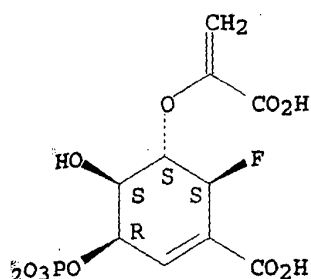
S16	4879	alkenyl adj3 ether	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:44
S17	259	S16 and polymer and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:44
S18	75	S17 and fluorine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:46
S19	66	(alkenyl adj3 ether) with fluorine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 12:48
S20	0	(alkenyl adj3 ether) same fluorine same ("aromatic carboxylic acid")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 13:07
S21	5	(alkenyl adj3 ether) same fluorine same ("carboxylic acid" with aromatic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 13:08
S23	2	"4,758,348".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 14:42
S24	2	"5,169,983".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 14:50
S25	2	"5,897,940".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 14:57
S26	7	("3083238" "3280083" "4321339" "4337211" "4578512").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 15:00

EAST Search History

S28	2	"20060100310"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 15:03
S34	0	"2006221117"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 15:06
S35	1	"20060221117"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 15:06
S36	0	WO-2001047863\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 15:27
S37	0	WO-200147863\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 15:27
S38	5	Cramp-Michael\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 15:28
S39	0	WO-2001007020\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 15:33
S40	0	WO-2001007020\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/23 15:33
S41	0	WO-20010007020\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/23 15:33
S42	40	("4,313,124" or "4,345,262" or "4,459,600" or "4,463,359" or "4,558,333" or "4,723,129" or "4,740,796" or "5,085,698").pn. or ("20050033010" or "20050131102" or "20050140762" or "20050197424" or "20050219277" or "20050239918" or "20050249925" or "20060004124" or "20060100310" or "20060128828")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/23 15:48
S43	0	WO-02100918\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/23 15:52

EAST Search History

S44	1	WO-2002100918\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/23 15:53
S45	2	"5,198,319".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 16:04
S46	2	EP-1243624\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 16:12
S47	2	EP-1285948\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 16:17
S48	2	"6,380,315".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 18:50
S49	2	EP-556649\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 18:56
S50	1	"pentafluorobenzoic acid ethyl ester"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 20:13
S51	1	"4-hydroxy-2,3,5,6-tetrafluorobenzoic acid ethyl ester"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/23 20:14



CC 1-5 (Pharmacology)
Section cross-reference(s): 7

IT 170170-99-7
(chorismate synthase catalyzes the conversion of
fluoroenolpyruvylshikimate phosphate to fluorochochismate:
implications for the enzyme mechanism and antimicrobial action of
fluoroshikimate)

IT 137330-49-5
(chorismate synthase catalyzes the conversion of
fluoroenolpyruvylshikimate phosphate to fluorochochismate:
implications for the enzyme mechanism and antimicrobial action of
fluoroshikimate)

L11 ANSWER 25 OF 32 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:781104 HCAPLUS

DOCUMENT NUMBER: 123:229078

TITLE: Molecular engineering of liquid-crystalline
polymers by 'living' polymerization. Part 31.
Synthesis and 'living' cationic polymerization of
(2R,3S)-2-fluoro-3-methylpentyl
3-fluoro-4'-(ω-vinyloxyalkoxy)biphenyl-4-
carboxylate with undecanyl and octyl alkyl groups

AUTHOR(S): Percec, Virgil; Oda, Hiroji

CORPORATE SOURCE: Dep. Macromol. Sci., Case West. Reserve Univ.,
Cleveland, OH, 44106-7202, USA

SOURCE: Journal of Materials Chemistry (1995), 5(8),
1125-36

CODEN: JMACEP; ISSN: 0959-9428

PUBLISHER: Royal Society of Chemistry

DOCUMENT TYPE: Journal

LANGUAGE: English

ED Entered STN: 08 Sep 1995

AB The synthesis and living cationic polymerization of (2R,3S)-2-fluoro-3-methylpentyl 3-fluoro-4'-(11-vinyloxyundecanyloxy)biphenyl-4-carboxylate (I) and (2R,3S)-2-fluoro-3-methylpentyl 3-fluoro-4'-(8-vinyloxyoctyloxy)biphenyl-4-carboxylate (II) are described. PolyIs and polyIIs with degrees of polymerization (DP) from 4.5 to 16.7 and polydispersities 1.22 were synthesized and characterized by differential scanning calorimetry (DSC) and thermal optical polarized microscopy. Over the entire range of mol. wts. formed, polyIs and polyIIs exhibit enantiotropic SA and SC* phases. In addition, polyIs with DP 8.7 and polyIIs with DP 10.0 exhibit an unidentified SX mesophase. All polyIs are non-crystallizable, while polyIIs with DP 7.2 exhibit a crystalline phase. I-II copolymers (X:Y) (where X:Y represents the molar ratio of monomer I to monomer II) with DP of ca. 12 and polydispersities lower than 1.22 are also synthesized and characterized. Both the SA and Sc* mesophases of these copolymers exhibit continuous dependences over the entire range of copolymer

Composition

168100-33-2P 168100-34-3P 168100-35-4P
(preparation and characterization of)

168100-33-2 HCAPLUS

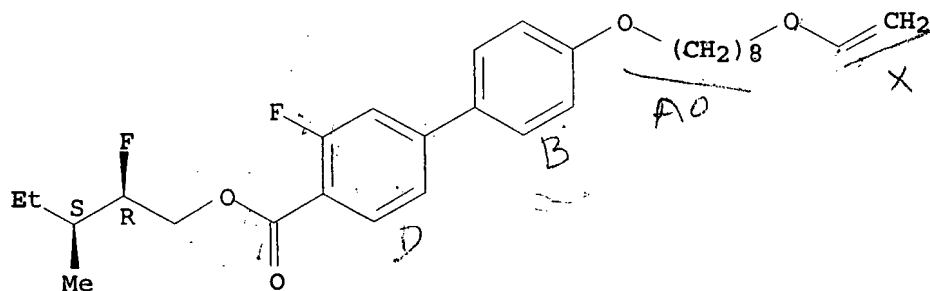
[1,1'-Biphenyl]-4-carboxylic acid, 4'-[[8-(ethenyloxy)octyl]oxy]-2-fluoro-, 2-fluoro-3-methylpentyl ester, [R-(R*,S*)]-, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 168100-31-0

CMF C29 H38 F2 O4

Absolute stereochemistry.



RN 168100-34-3 HCAPLUS

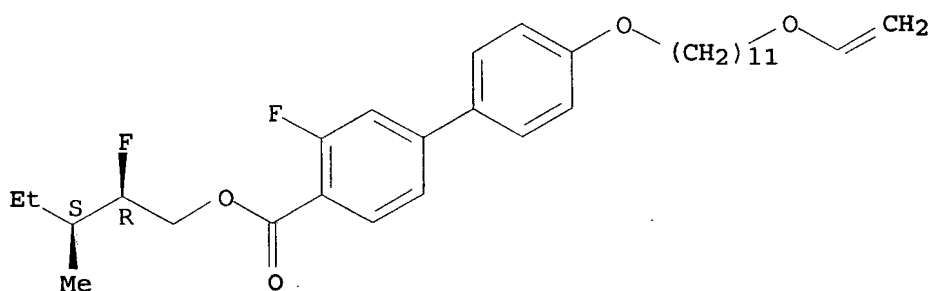
CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[[11-(ethenyloxy)undecyl]oxy]-2-fluoro-, 2-fluoro-3-methylpentyl ester, [R-(R*,S*)]-, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 168100-32-1

CMF C32 H44 F2 O4

Absolute stereochemistry.



RN 168100-35-4 HCAPLUS

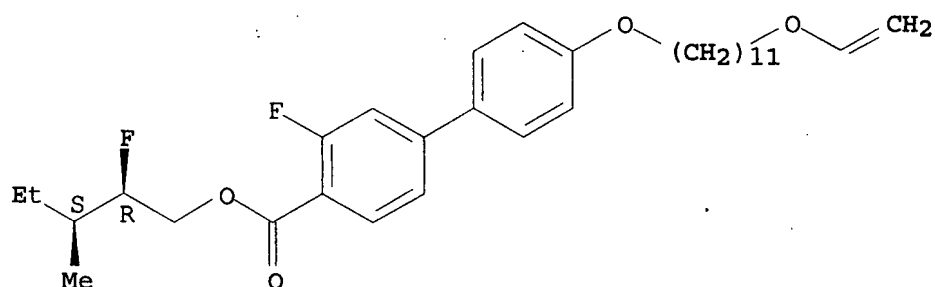
CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[[8-(ethenyloxy)octyl]oxy]-2-fluoro-, 2-fluoro-3-methylpentyl ester, [R-(R*,S*)]-, polymer with [R-(R*,S*)]-2-fluoro-3-methylpentyl 4'-[[11-(ethenyloxy)undecyl]oxy]-2-fluoro[1,1'-biphenyl]-4-carboxylate (9CI) (CA INDEX NAME)

CM 1

CRN 168100-32-1

CMF C32 H44 F2 O4

Absolute stereochemistry.

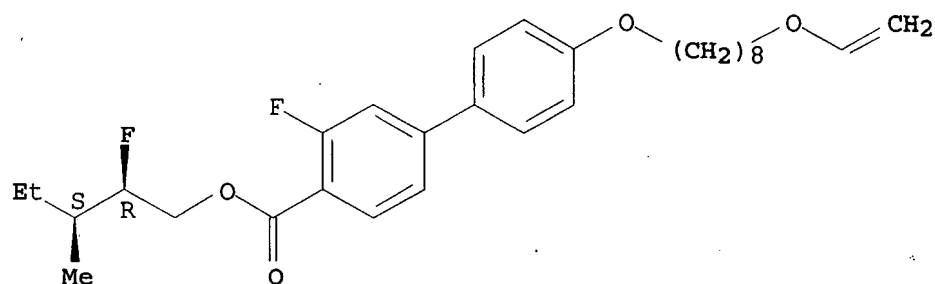


CM 2

CRN 168100-31-0

CMF C29 H38 F2 O4

Absolute stereochemistry.



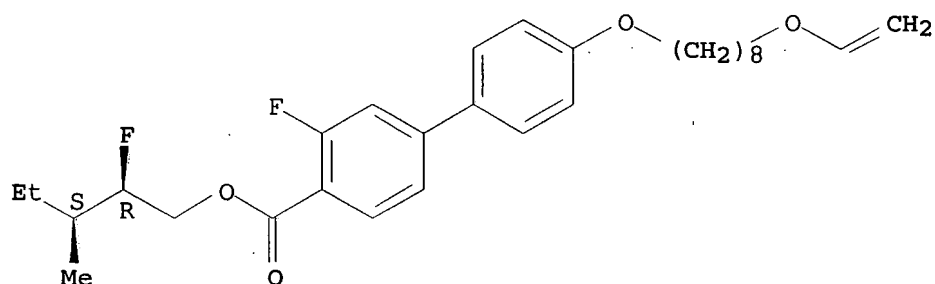
IT 168100-31-0P 168100-32-1P

(preparation and polymerization of)

RN 168100-31-0 HCAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[[8-(ethenyloxy)octyl]oxy]-3-fluoro-, 2-fluoro-3-methylpentyl ester, [2R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

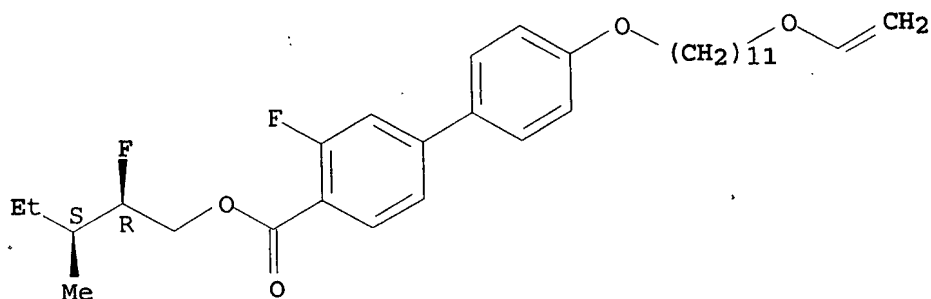


RN 168100-32-1 HCAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[[11-(ethenyloxy)undecyl]oxy]-3-fluoro-, 2-fluoro-3-methylpentyl ester, [2R-(R*,S*)]- (9CI) (CA INDEX NAME)

(NAME)

Absolute stereochemistry.



CC 35-4 (Chemistry of Synthetic High Polymers)

Section cross-reference(s): 75

IT 168100-33-2P 168100-34-3P 168100-35-4P

(preparation and characterization of)

IT 168100-31-0P 168100-32-1P

(preparation and polymerization of)

L11. ANSWER 26 OF 32 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:468715 HCAPLUS

DOCUMENT NUMBER: 122:205175

TITLE: Preparation of β -heteroaryl- β -oxopropionitriles as insecticides and ectoparasitocides.

INVENTOR(S): Plant, Andrew; Harder, Achim; Erdelen, Christoph

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 42 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

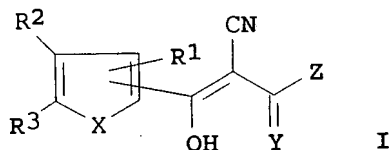
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4330105	A1	19950309	DE 1993-4330105	19930906
PRIORITY APPLN. INFO.:			DE 1993-4330105	19930906

OTHER SOURCE(S): MARPAT 122:205175

ED Entered STN: 06 Apr 1995

GI



AB The title compds. I [R₁, R₂, R₃=H, halo, CN, NO₂, alkyl, heteroalkyl, heteroaryl, etc.; Z= (un)substituted (cyclo)alkyl, aryl, heteroalkyl, heteroaryl, etc.; X, Y= O or S] are prepared as insecticides and